

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

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| TRANSPORTER           | OIL |
| OPERATOR              | GAS |
| PROMOTION OFFICE      |     |

OIL CONSERVATION DIVISION  
P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

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Form C-104  
Revised 10-01-78  
Format 06-01-83  
Page 1

OIL CON. DIV.  
DIST. 3

REQUEST FOR ALLOWABLE  
AND  
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I. Operator  
El Paso Natural Gas Company

Address  
P. O. Box 4289, Farmington, NM 87499

Reason(s) for filing (Check proper box)

|                                              |                                         |                                     |
|----------------------------------------------|-----------------------------------------|-------------------------------------|
| <input checked="" type="checkbox"/> New Well | Change in Transporter of:               |                                     |
| <input type="checkbox"/> Recompletion        | <input type="checkbox"/> Oil            | <input type="checkbox"/> Dry Gas    |
| <input type="checkbox"/> Change in Ownership | <input type="checkbox"/> Casinghead Gas | <input type="checkbox"/> Condensate |

Other (Please explain)

If change of ownership give name  
and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

|                                                                                                                                                                                                                       |                  |                                                     |                                          |                   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-----------------------------------------------------|------------------------------------------|-------------------|
| Lease Name<br>San Juan 27-5 Unit                                                                                                                                                                                      | Well No.<br>#23A | Pool Name, including Formation<br>Blanco Mesa Verde | Kind of Lease<br>(State, Federal or Fee) | Lease<br>E-290-32 |
| Location<br>Unit Letter <u>D</u> : <u>810</u> Feet From The <u>North</u> Line and <u>1180</u> Feet From The <u>West</u><br>Line of Section <u>2</u> Township <u>27N</u> Range <u>5W</u> , NMPM, <u>Rio Arriba</u> Cou |                  |                                                     |                                          |                   |

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

|                                                                                                                          |                                                                                                                 |
|--------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input checked="" type="checkbox"/>         | Address (Give address to which approved copy of this form is to be sent)                                        |
| El Paso Natural Gas Company                                                                                              | P. O. Box 4289, Farmington, NM 87499                                                                            |
| Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/> | Address (Give address to which approved copy of this form is to be sent)                                        |
| Northwest Pipeline Corporation                                                                                           | P. O. Box 90, Farmington, NM 87499                                                                              |
| If well produces oil or liquids,<br>give location of tanks.                                                              | Unit : <u>D</u> Sec. : <u>2</u> Twp. : <u>27N</u> Rge. : <u>5W</u><br>Is gas actually connected? <u>No</u> When |

If this production is commingled with that from any other lease or pool, give commingling order number:

NOTE: Complete Parts IV and V on reverse side if necessary.

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given is true and complete to the best of my knowledge and belief.



(Signature)

Drilling Clerk

(Title)

12-18-85

(Date)

OIL CONSERVATION DIVISION

APPROVED

DEC 20 1985

BY

Original Signed by FRANK T. CHAVEZ

TITLE

SUPERVISOR DISTRICT 3

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deep well, this form must be accompanied by a tabulation of the deviate tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for all able on new and recompleted wells.

Fill out only Sections I, II, III, and VI for changes of own well name or number, or transporter, or other such change of condition.

Separate Forms C-104 must be filed for each pool in multi-completed wells.

#### IV. COMPLETION DATA

|                                                                                        |                                                  |                          |          |          |                       |        |           |                            |         |
|----------------------------------------------------------------------------------------|--------------------------------------------------|--------------------------|----------|----------|-----------------------|--------|-----------|----------------------------|---------|
| Designate Type of Completion - (X)                                                     |                                                  | Oil well                 | Gas well | New well | Workover              | Deepen | Plug Back | Same Reservoir             | Drill P |
|                                                                                        |                                                  |                          | X        | X        |                       |        |           |                            |         |
| Date Spudded<br>10-17-85                                                               | Date Compl. Ready to Prod.<br>12-17-85           | Total Depth<br>6216'     |          |          | P.B.T.D.<br>6204'     |        |           |                            |         |
| Elevations (DF, RKB, RT, GR, etc.)<br>6741' GL                                         | Name of Producing Formation<br>Blanco Mesa Verde | Top Oil/Gas Pay<br>4567' |          |          | Tubing Depth<br>5890' |        |           |                            |         |
| Perforations<br>5772, 5774, 5776, 5778, 5780, 5782, 5784, 5786, 5788, 5790, 5792, 5794 |                                                  |                          |          |          |                       |        |           | Depth Casing Shoe<br>6216' |         |

\* Continued Perf's Listed Below

| HOLE SIZE | CASING & TUBING SIZE | DEPTH SET  | SACKS CEMENT |
|-----------|----------------------|------------|--------------|
| 12 1/4"   | 9 5/8"               | 224'       | 136 cu ft    |
| 8 3/4"    | 7"                   | 3934'      | 315 cu ft    |
| 6 1/4"    | 4 1/2"               | 3770-6216' | 500 cu ft    |
|           | 2 3/8"               | 5890'      |              |

#### V. TEST DATA AND REQUEST FOR ALLOWABLE (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

|                                 |                 |                                               |            |
|---------------------------------|-----------------|-----------------------------------------------|------------|
| Date First New Oil Run To Tanks | Date of Test    | Producing Method (Flow, pump, gas lift, etc.) |            |
| Length of Test                  | Tubing Pressure | Casing Pressure                               | Choke Size |
| Actual Prod. During Test        | Oil - Bbls.     | Water - Bbls.                                 | Gas - MCF  |

#### GAS WELL

|                                 |                                     |                                     |                       |
|---------------------------------|-------------------------------------|-------------------------------------|-----------------------|
| Actual Prod. Test - MCF/D       | Length of Test<br>SI 7 Days         | Bbls. Condensate/MCF                | Gravity of Condensate |
| Testing Method (plug, back pr.) | Tubing Pressure (Shut-in)<br>SI 901 | Casing Pressure (Shut-in)<br>SI 925 | Choke Size            |

\* Continued Perf's:

5796, 5798, 5800, 5802, 5804, 5806, 5808, 5810, 5812, 5814, 5816, 5818, 5820, 5822, 5828, 5830, 5834, 5836, 5840, 5842, 5846, 5848, 5852, 5854, 5858, 5860, 5864, 5866, 5874, 5876, 5892, 5894, 5908, 5910, 5927, 5929, w/1 SPZ. 2nd stage 5279, 5294, 5314, 5327, 5352, 5371, 5376, 5406, 5415, 5420, 5507, 5521, 5609, 5620, 5668 w/1 SPZ.. 3rd stage 4567, 4574, 4597, 4603, 4609, 4628, 4655, 4660, 4702, 4751, 4756, 4766, 4804, 4813 w/1 SPZ.